



VX414C SPST plus SPDT Switching Module

The VX414C 16/48-Channel Switching Module is a C size, Register based switching card that provides 16 channels of SPST (Form-A) switching and 48 channels of SPDT (Form-C) switching. The 16 Form-A channels are rated for up to 5 amps and the 48 Form-C channels are rated for up to 2 amps. MODID and Board Select indicators are included. Module is equipped with BIT capability and shielding.

Specifications:

Maximum Input Voltage:

Terminal to Terminal:

250 Vdc or ac_{rms}

Terminal to Chassis:

250 Vdc or ac_{rms}

Maximum Switchable Voltage:

100 Vdc, 250 Vac $_{rms}$

Maximum Switchable Current:

(DC or AC_{rms}):

Form A: 5A (125 Vac, 30 Vdc)

Form C: 2A (125 Vac, 30 Vdc)

Maximum Switchable Power:

Form A: 625 Va

Form B: 250 Va

Closed Channel Resistance:

Initially $\leq 0.1 \Omega$

Insulation Resistance

(between any two points):

$>10^8 \Omega$

Relay Life (operations):

At rated load

1×10^7

Relay Operative Time:

6 msec (typical)

Relay Release Time:

4 msec (typical)

Power Up/Down States:

Normally open contact is open.

Power:

+5V @ 1.0A typical

+12V @ 1.5A typical

Ordering Information:

Description

Part Number

VX414C

11027680-0001

VXIbus Compliance

Complies with ANSI/IEEE Std. 1014-1987 and VXIbus Rev 1.4

A16:D16 DTB Slave

Register based

No Interrupts

IACKIN tied to IACKOUT

BRX tied to BGX

Form Factor: Size C

Built-in test via register feedback

Applications

- Power Switching
- Control
- LF Signal Switching